Applicant: Jihong Liong et al.
Serial No.: 10/010,731
Howrey matter No.: 11899.0193.DVUS02
Title: Antifungal Polypeptide from Alfalfa and Methods for Controlling Plant Pathogenic Fungi
Attorney: Darrell Dotson 713.787.1524

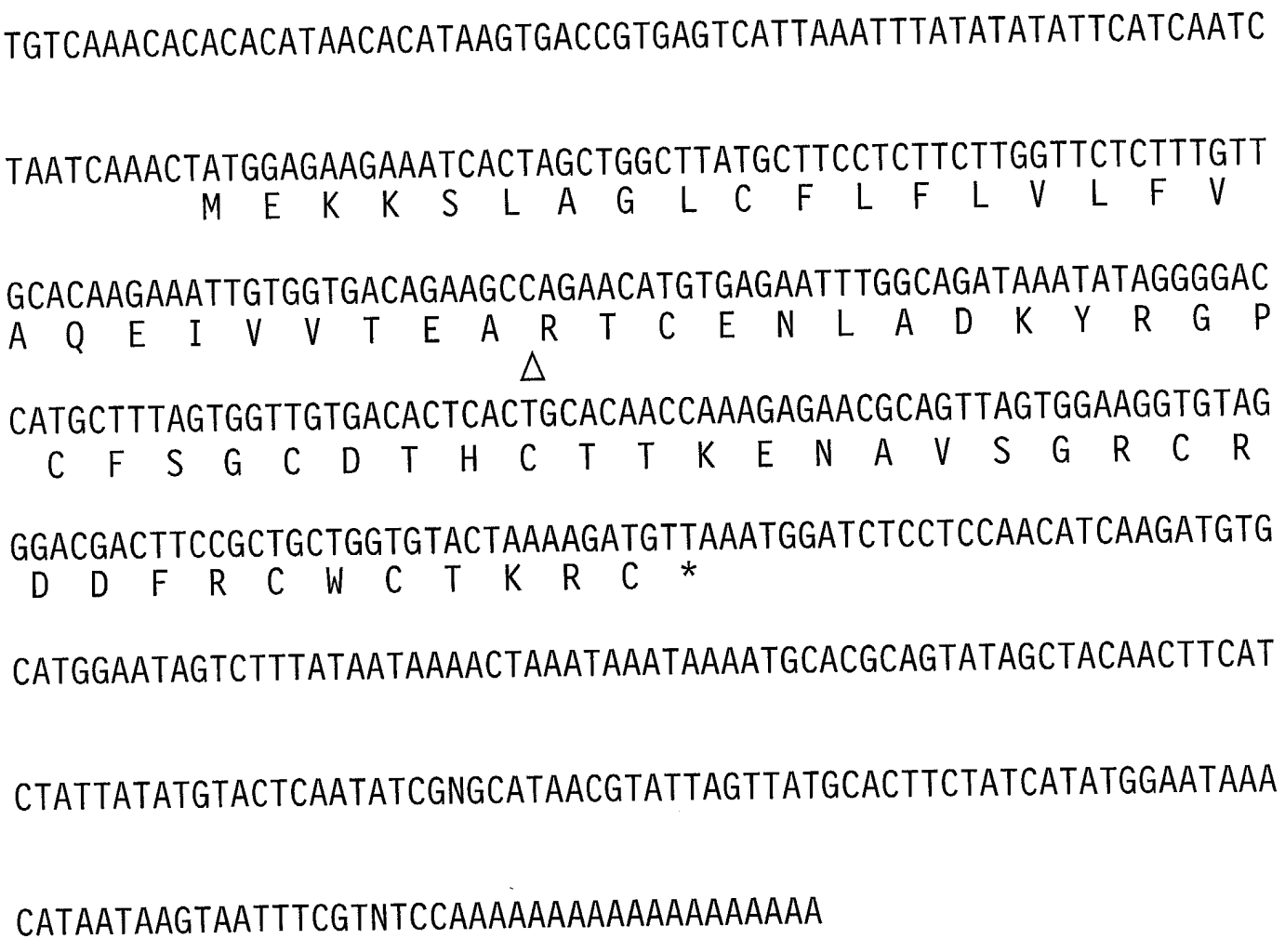

FIG. 1

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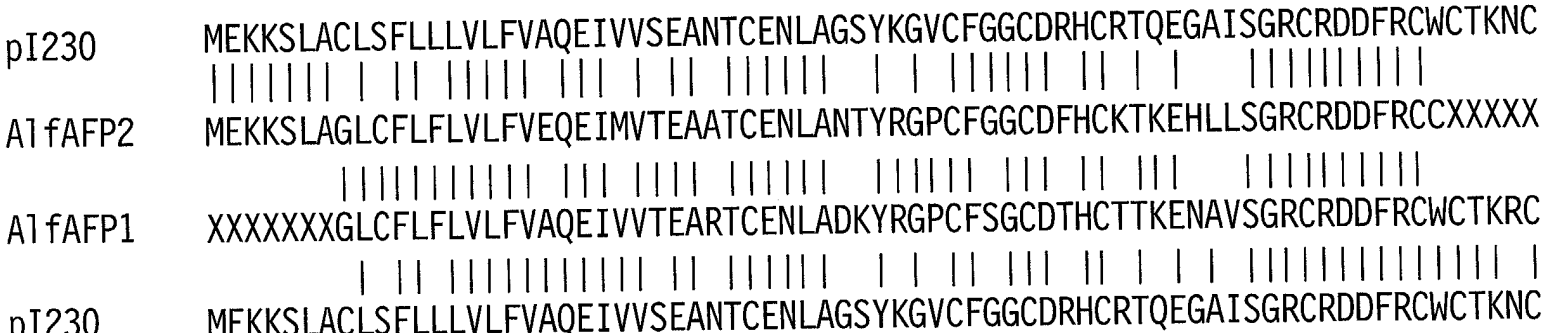

FIG. 2

```
AlfAFP2     TGTCAAACACACACATAACACATAAGTGACCGTGAGTCATTAAATTTATA
AlfAFP1     ---------------------------------------------------

AlfAFP2     TATATTCATCAATCTAATCAAACTATGGAGAAGAAATCACTAGCTGGCTTA
AlfAFP1     ----------------------------------------CTGGCTTA
                                                     ********

AlfAFP2     TGCTTCCTCTTCCTCGTTCTCTTTGTTGAACAAGAAATTATGGTGACCGAG
AlfAFP1     TGCTTCCTCTTCTTGGTTCTCTTTGTTGCACAAGAAATTGTGGTGACAGAA
            ************ * ************** ********** ******* **

AlfAFP2     GCAGCTACTTGTGAGAATTTGGCTAACACATACAGGGGACCATGCTTCGGT
AlfAFP1     GCCAGAACATGTGAGAATTTGGCAGATAAATATAGGGGACCATGCTTTAGT
            **    ** ***************  * * *** ***************  **

AlfAFP2     GGTTGTGACTTTCACTGCAAAACCAAAGAACACTTACTTAGCGGXAGGTGC
AlfAFP1     GGTTGTGACACTCACTGCACAACCAAAGAGAACGCAGTTAGTGGAAGGTGT
            *********  ******** *********  **  * **** ** *****

AlfAFP2     AGGGACGACTTCCGCTGCTGCTGGATCC
AlfAFP1     AGGGACGACTTCCGCTGCTGCTGGATCC
            ****************************
```

FIG. 3

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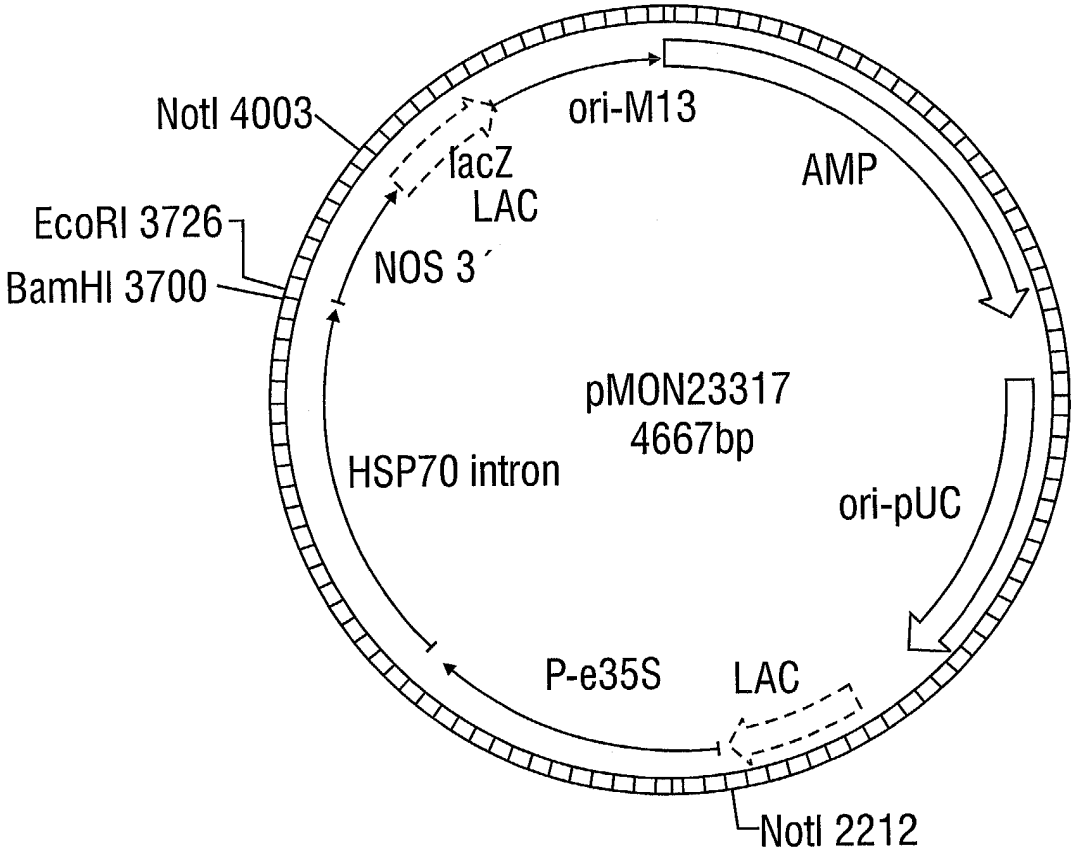

FIG. 4

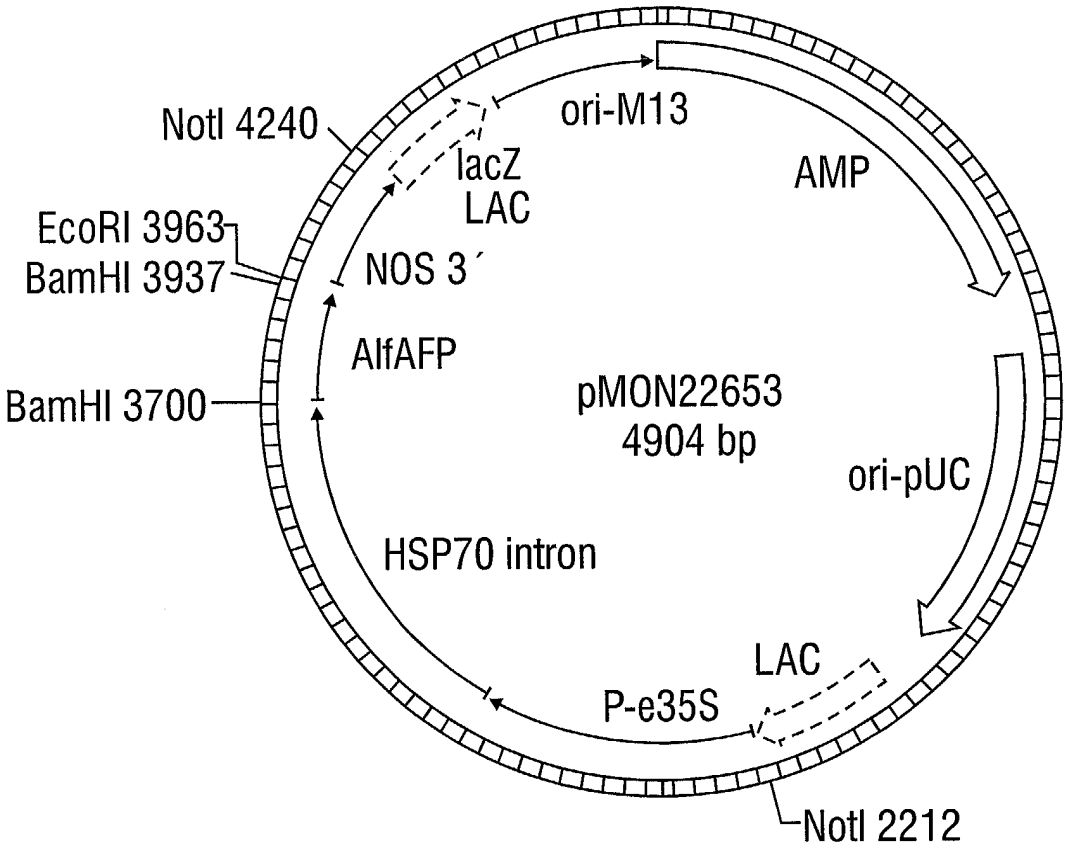

FIG. 5

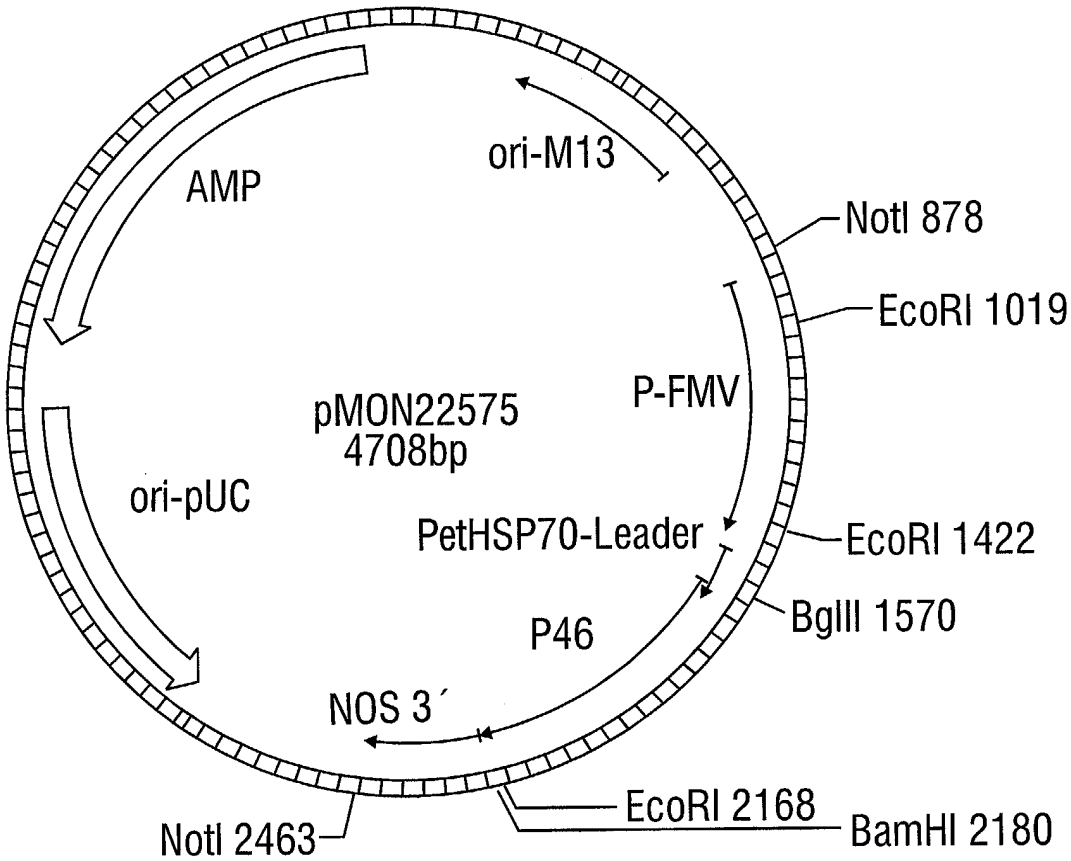

FIG. 6

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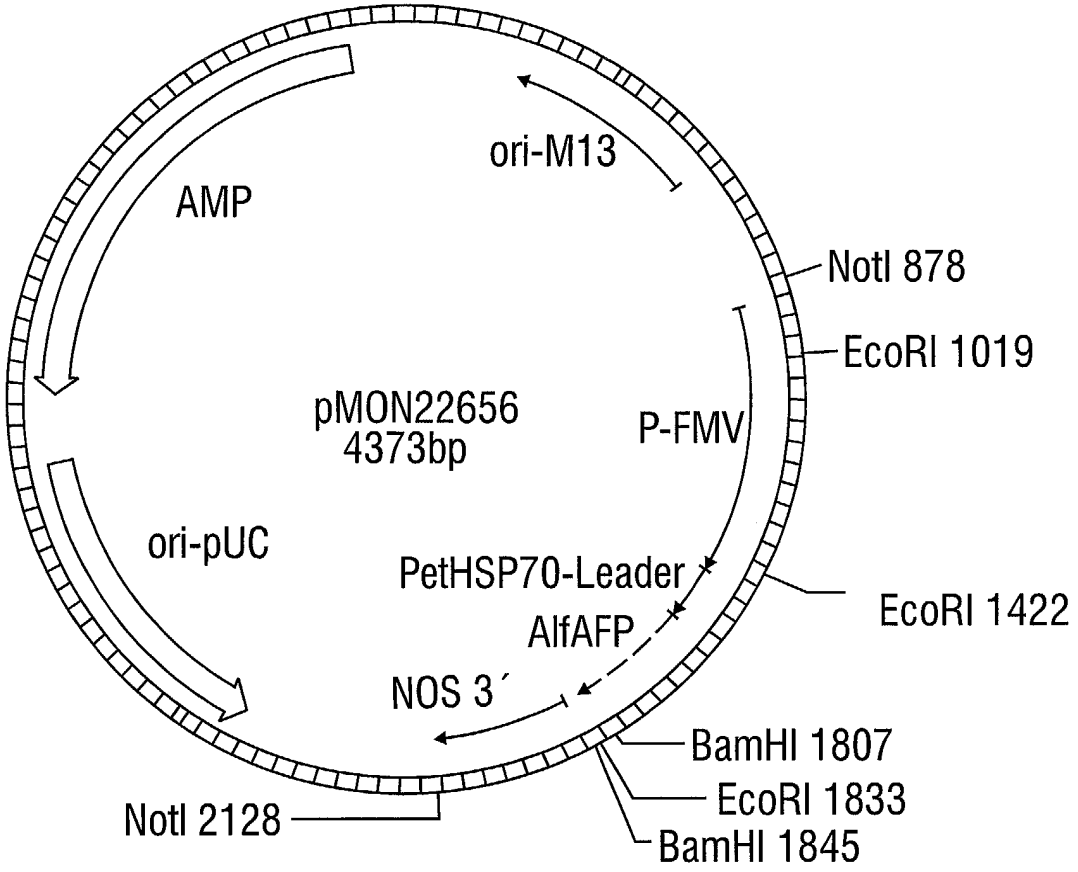

FIG. 7

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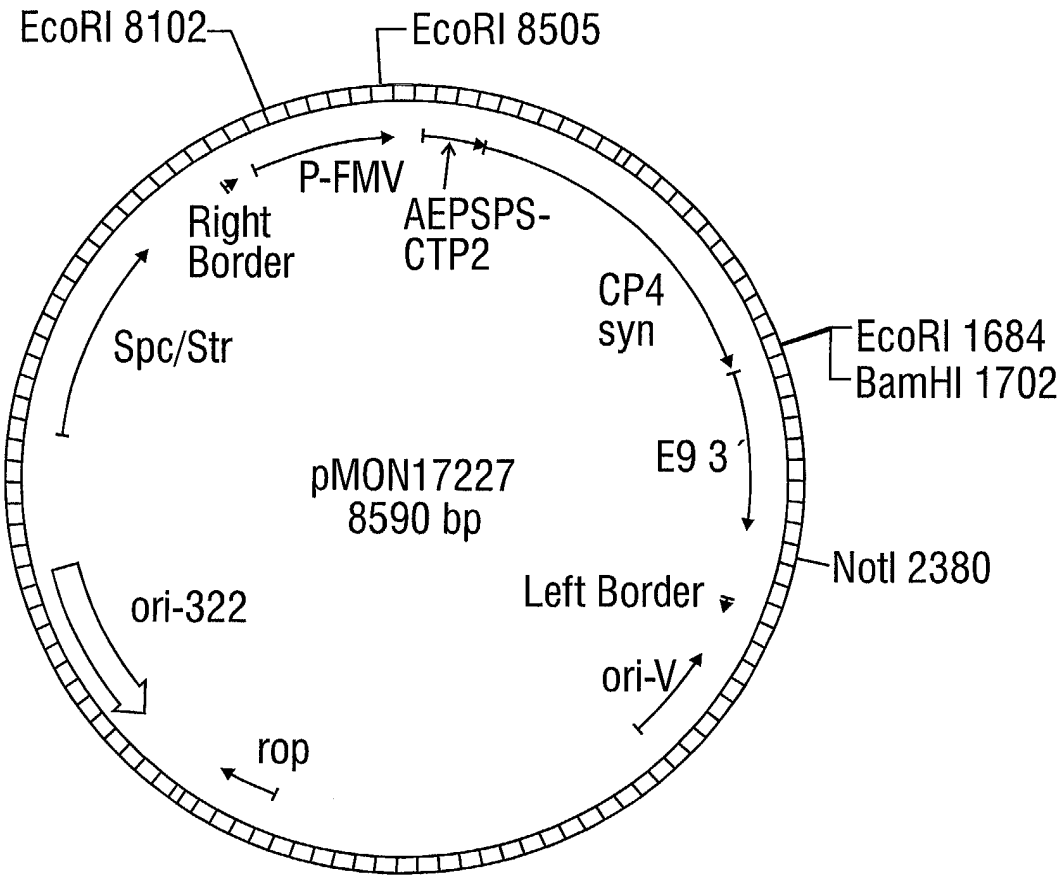

FIG. 8

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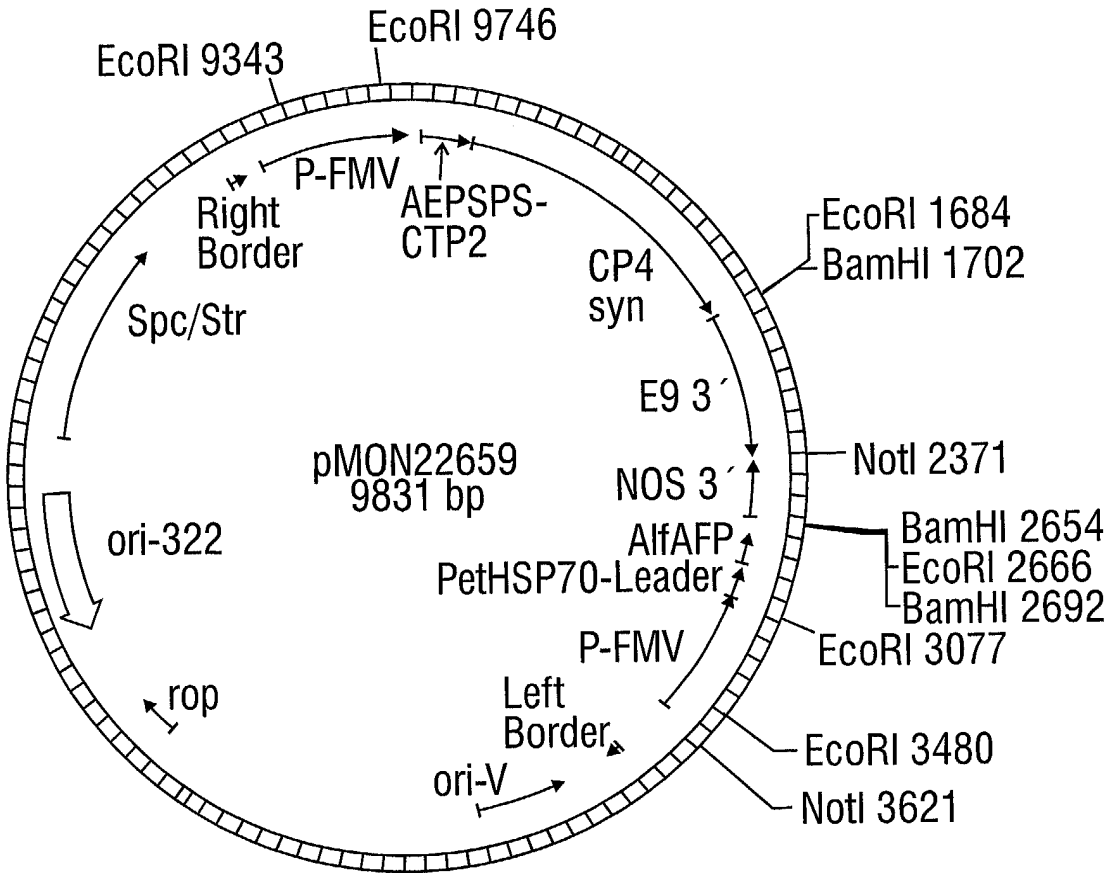

FIG. 9

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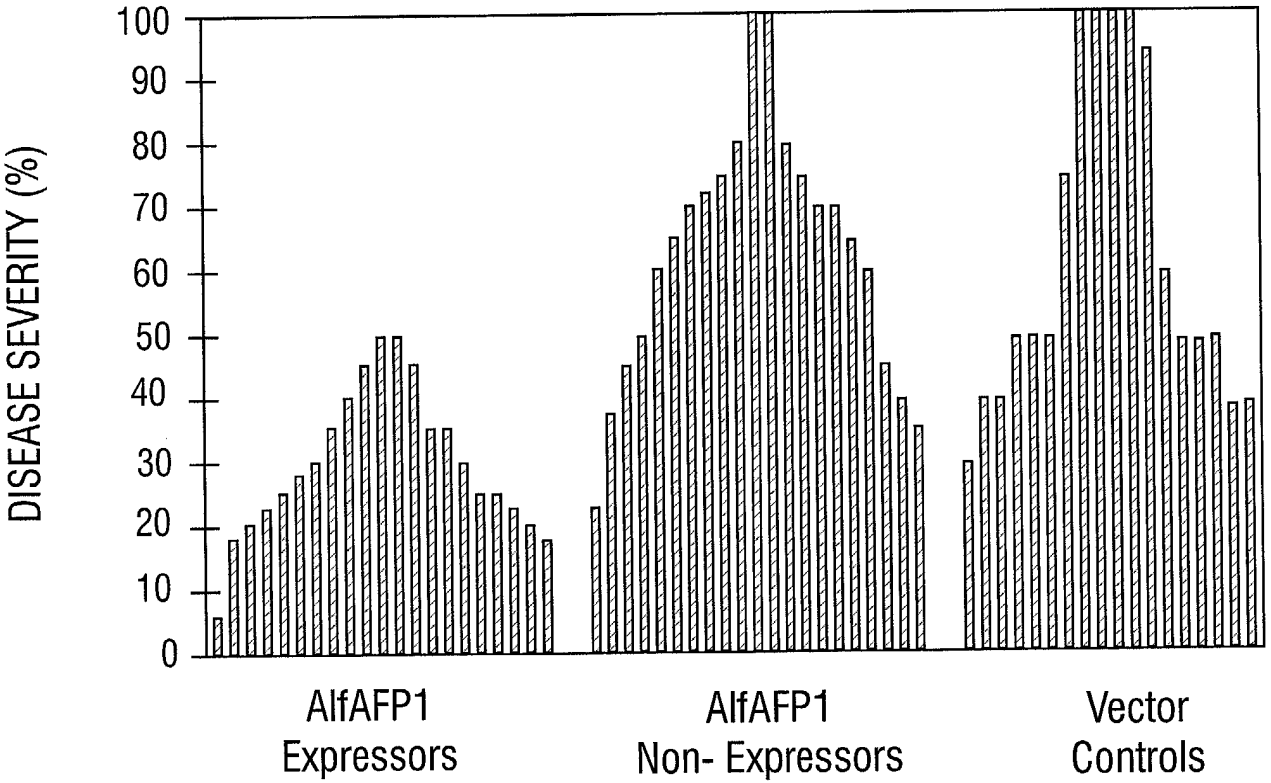

FIG.10